

# Research Collaboration: Practices from the CLDL Lab

This infographic captures key research practices shared by Hana Alqabba and Ghadi Matouq as a reflection of their work in the CLDL lab with Dr. J. Elliott Casal. These approaches cover the entire research process from planning to publication, reflecting methodology and professional skills that have shaped their development as corpus linguists.



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## 1. Planning & Goals

- Define selection criteria (time period, genres, languages, and sources)
- Determine corpus size based on research questions
- Balance corpus composition for representativeness

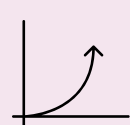
- Set clear research questions and objectives
- Establish project scope and boundaries
- Create realistic timelines and achievements
- Assign team member roles and responsibilities



## 3. Data Collection & Preparation

- Choose a diverse subset that reflects your full corpus
- Typically 5-10% of your intended final size
- Test analytical procedures on a sample before full implementation
- Refine methodologies based on pilot results

- Develop protocols for consistent data gathering
- Create a metadata schema to organize corpus information
- Keep metadata in an Excel file (file name, author, title, and year)



## 5. Corpus Cleaning

- Identify key linguistic features relevant to research questions
- Select appropriate corpus tools and statistical packages
- Balance quantitative frequency with qualitative context

## 4. Piloting with a Small Sample

- Work with plain text (.txt) files
- Remove headers, footers, page numbers, tables, and figures
- Address formatting artifacts from digital conversion
- Remove paragraph and section breaks
- Standardize encoding (UTF-8 recommended)
- Apply consistent naming conventions



## 7. Visualization & Interpretation

- Write an effective abstract and seek feedback from professors or colleagues
- Pay attention to submission deadlines and requirements
- Review abstract acceptance notification with reviewer scores and comments

## 6. Analysis Approach

- Choose appropriate visualization methods
- Interpret patterns and findings contextually
- Draw conclusions based on solid evidence
- Acknowledge limitations and corpus constraints



## 9. Presentation Strategies & Poster Design

- Select appropriate journals for submission
- Understand submission requirements thoroughly
- Respond professionally to reviewer feedback

## 8. Conference Submission Process

*For Presentations:*

- Balance text and visuals effectively
- Use bullet points with clear examples
- Choose readable fonts and consistent layout
- Practice timing and prepare for questions

*For Posters:*

- Choose a clean layout with balanced colors and whitespace
- Design based on conference poster size dimensions
- Present key information through visuals and bullet points
- Prepare concise talking points for discussions

## 10. Publication Process

